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| ETAS Parameter | Description | Input Value |
| M | Magnitude | Variable |
|  | Completeness Magnitude | 3.3 |
|  | Båth’s Law | 1.2 |
| K | Productivity Law | 1.0 |
|  | Productivity Law | Fixed at = 0 |
| q | Spatial Omori Law | 1.5 |
| p (input) | Temporal Omori Law | Fixed at p = 0 |
| p (observed) | Omori Aftershock Scaling | Variable Near 1.0 |
| b (input) | Gutenberg-Richter | 0.95 |
| b (observed) | Gutenberg-Richter | Variable Near 0.95 |
|  | Controls Recursive Scaling | 0.005, 0.0005 |
|  | Time Scale | 0.1 days |
| *τ* | Correlation Time in Temporal Omori Law | 1 year |
| *ξ* | Correlation Length in Spatial Omori Law | 100 km |
|  | Background Rate | Fixed = 5 |
|  | Exponent in Rate Ratio | 1.5 |